

# SAFETY DATA SHEET



Garrards Pty Ltd

PO Box 5477

Ph: (07) 3881 1693

[www.garrards.com.au](http://www.garrards.com.au)

Date Issued: 14 June 2016

Brendale, Qld, 4500

Fax: (07) 3881 1781

## 1. PRODUCT AND COMPANY IDENTIFICATION:

**PRODUCT:** DIAZINON 800

### COMPANY IDENTIFICATION:

Garrards Pty Ltd

PO Box 5477

Brendale, Queensland 4500

**USE:** Insecticide

## 2. HAZARDOUS IDENTIFICATIONS:

**Hazardous according to criteria of Safe Work Australia.**

### GHS Classification of the substance/mixture

- Acute toxicity – category 4
- Hazardous to the aquatic environment (acute) – category 1
- Hazardous to the aquatic environment (chronic) – category 1

**Signal Word(s):** WARNING

### Hazard Statement(s)

- H302 Harmful if swallowed
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects

### Precautionary Statement(s) – General

- P101 If medical advice is needed, have product container, label or SDS at hand
- P102 Keep out of reach of children
- P103 Read label before use

### Pictogram(s)

Exclamation mark, Environment



### Precautionary Statement(s) – Prevention

- P202 Do not handle until all safety precautions have been read and understood
- P260 Do not breathe mists or spray
- P271 Use only outdoors or in a well ventilated area

- P280 Wear protective gloves, clothing, eye and face protection
- P284 Wear respiratory protection

### Precautionary Statement(s) – Response

- P302+P352 If on skin: wash with plenty of soap and water.
- P304+P340+P310 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call Poisons Information Centre (13 11 26) or a doctor.
- P305+P351+P338+P310 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Immediately call Poisons Information Centre (13 11 26) or a doctor.
- P308+P313 If exposed or concerned: get medical advice/attention.
- P333+P313 If skin irritation or rash occurs: get medical advice/attention.
- P363 Wash contaminated clothing before reuse.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	CAS Reg. No.	Conc.
Diazinon	333-41-5	800g/L
Aromatic Hydrocarbons	64742-95-5	Low
Other ingredients determined non-hazardous.	-	Low

Proportion (% weight per weight): VHIG >60, HIGH 30-60, MED 10-29, LOW 1-9, VLOW <1

## 4. FIRST AID:

If poisoning occurs, immediately contact a doctor or Poisons Information Centre (telephone 13 11 26), and follow the advice given. Show this Safety Data Sheet to a doctor.

**NOTE TO PHYSICIAN:** Treat as a cholinesterase inhibitor. Atropine is an antidote.  
**Always seek medical attention when atropine has been given. (Even if symptoms have subsided)**

## 5. FIRE FIGHTING MEASURES:

**FLASHPOINT:** > 62°C (solvent)

**FLAMMABLE LIMITS:** Not Applicable

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**EXTINGUISHING MEDIA:** Use fine water spray or foam.

**FIRE AND EXPLOSION HAZARDS:** This product is non-flammable and non-explosive.

**FIRE-FIGHTING EQUIPMENT:** Wear suitable breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES:

### ACTION TO TAKE FOR SPILLS:

In case of spills it is important to take all steps necessary to:

- Avoid eye and skin contact.
  - Avoid contamination of waterways.
1. Keep all bystanders away.
  2. Wear full-length clothing and PVC gloves.
  3. Reposition any leaking containers so as to minimise further leakage.
  4. Dam and absorb spill with an absorbent material (e.g. sand or soil).
  5. Shovel the absorbed spill into drums and top with hydrated lime.
  6. Disposal of the absorbent material will depend on the extent of the spill.
    - For quantities up to 50L of product bury in a secure land fill site.
    - For quantities greater than 50L seek advice from the manufacturer before attempting disposal. Contain in a secure location until disposal method is established.
  7. Decontaminate spill area with hydrated lime scattered over the spill prior to rinsing off with water.

## 7. HANDLING AND STORAGE:

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in a cool dry place away from direct sunlight. Store away from food and food stuffs for animal or human consumption. Store in its original container well sealed. Store as combustible C1

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION:

### EXPOSURE GUIDELINES:

Exposure values at the TWA (Time Weighted Average) means the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. There is a blanket recommendation of 10mg/m<sup>3</sup> for

inspirable dusts or mists when limits have not otherwise been established.

ACGIH TLV: 0.1mg/Cu metre

STEL 0.3mg/Cu metre

### ENGINEERING CONTROLS:

In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem.

### RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING

**WORKERS:** Avoid skin and eye contact and inhalation of vapour. Wear overalls, eye protection and impervious gloves. Use adequate ventilation. Eye washing and shower facilities available.

**EYE / FACE PROTECTION:** Eye protection should be worn when splashing is possible. Wear splash proof goggles or a full-face shield. Consult AS 1336 and 1337.

**SKIN PROTECTION:** Wear chemical resistant PVC or nitrile gloves. For help in selecting suitable gloves consult AS 2161. Wear cotton overalls buttoned to the neck and wrist. Wear a washable hat. For help in selecting suitable clothing consult AS 2919. For help in selecting boots consult AS/NZS 2210.

**RESPIRATORY PROTECTION:** Do not breathe vapour/spray/fumes. Use an organic-chemical cartridge respirator when working in poorly ventilated areas or where there is potential for spray mist, splashing or vapours. Consult AS 1715

### APPLICATIONS AND ALL OTHER HANDLERS:

After handling this product always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

**APPEARANCE:** Clear amber coloured liquid.

**ODOUR:** Strong to objectionable

**SOLUBILITY IN WATER:** Emulsifies with water

**SPECIFIC GRAVITY:** 1.08

**BOILING POINT:** >112°C

**CORROSIVENESS:** Non-Corrosive

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## 10. STABILITY AND REACTIVITY

**STABILITY:** This product is unlikely to spontaneously decompose

**INCOMPATIBILITY:** Avoid oxidising agents, strong acids and alkalis.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Diazinon decomposes above 120°C. During a fire this product may release smoke and hazardous decomposition products.

**HAZARDOUS POLYMERIZATION:** This product is unlikely to spontaneously polymerise.

## 11. TOXICOLOGICAL INFORMATION:

Diazinon is classified as moderately toxic.

## 12. ECOLOGICAL INFORMATION:

**ENVIRONMENTAL DATA:** Do not allow any part of this product to enter waterways.

**ECOTOXICOLOGY:** Diazinon technical is moderately toxic to fish LC<sub>50</sub> (96h) Rainbow Trout = 2.6 – 3.2 mg/L and highly toxic to birds and bees.

## 13. DISPOSAL CONSIDERATIONS:

**DISPOSAL METHOD:** Dispose of empty, used containers by;

- Triple rinsing with water. Add the rinsings to the tank mix or dispose of rinsate in a disposal pit away from desirable plants and roots, and watercourses. On-site disposal of undiluted product is unacceptable.
- Breaking, crushing or puncturing the containers to prevent reuse.
- Disposing of in a local authority, bury landfill site that does not burn its refuse. If there is no local authority landfill readily available in your area, bury the containers under at least 50cm of soil at a licensed/approved disposal site. DO NOT burn empty containers or product.

(d)

## 14. TRANSPORT INFORMATION:

Classified as Dangerous Goods

**UN No:** 3018

**SHIPPING NAME:** ORGANOPHOSPHOROUS PESTICIDE, LIQUID, TOXIC, N.O.S.

**Class:** 6.1

**P.G:** III

Marine Pollutant

**HAZCHEM:** 2X

## 15. REGULATORY INFORMATION:

**POISON SCHEDULE:** 6

Signal word: POISON

This product is registered with the Australian Pesticides and Veterinary Medicines Authority. APVMA number 41698

## 16. OTHER INFORMATION:

All information in this data sheet is provided in good faith and is believed to be correct. Each user should consider the information in this safety data sheet within the context of their particular application as Garrards Pty Ltd cannot anticipate or control conditions under which this product may be used. Garrards Pty Ltd will not be responsible for any damages arising out of the use or reliance upon the information in this safety data sheet. No expressed or implied warranties are given other than those implied mandatory by Commonwealth, State or Territory legislation.

Please read all labels carefully before use.

**Contact:** **Emergency Services**  
**Ph: 000**

**Poisons Information Centre**  
**Australia 13 11 26**  
**New Zealand 03 474 7000**